PROTECTION FOR YOUNG PLANTS. A very cheap and effective protector for young plants may be made of the collar

for pipe tiles, which can be bought at nearly all factories of drain tiles. The collars are in sections, about the same in length as ordinary pipe tile, with grooves partly separating the individual collars. When broken apart the collars are each about four inches long and two or three inches in diameter. One of these is set around each plant and pressed slightly into the ground, so as to exclude cold winds, cutworms, bugs and other enemies. The collars are practically indestructible, and with reasonable care a supply will last for years. Where they cannot be obtained a very good substitute is made by melting the bottoms from the tin can in which vegetables and fruit are sold, and using the can in the manner as above. - American Agriculturist.

AUTUMN WEEDS.

Many an otherwise good cultivator, says A. B. Allen, in the New York Tribune, is very careless as to destruction of autumn weeds, thinking his crops are so well grown that letting them alone can do no particular harm. But if we consider that the heads are rapidly ripening seeds by the million, to be an be given. The best plan is to be blown over the land in every direction, to germinate the following more careful in them to stand. One need not necessarily take time to root the weeds out during this busy season; he has only to resort to the much quicker and lighter task of clipping the seedheads from their stalks. This should be done before or just as they begin to blossom, for if cat in full flower many seeds will form and ripen from the nutriment

they derive from the cut stalks. One man will easily pass over several scres a day with sickle or scythe, cutting close up to the blossom-heads on the stalk, all of which will rot well during winter and act as beneficial mulch to the will and as fertilizer to the crops the following spring and summer. All annual weeds may be thus treated, but the perennial must be extirpated by pulling or slowing out their roots. In doing this that can be converted into a good mancare should be taken to secure even the smallest fibres, as these enlarge rapidly, tome even during winter, and make fourishing plants not easily extirpated the coming spring. Sheep may be beneicially turned on various parts of the and, especially among corn, when the ears grow so high they cannot reach them, and will be content by nibbling he weeds so close to the ground as to

SOME POINTS ABOUT FERTILIZERS.

A complete fertilizer is one that conmins in proper proportions nitrogen. phosphoric acid and potash. When inrended for special crops manufacturers top, and vith good ventilation at the try in 1892 a world's fair that shall eclipse rary the proportions somewhat to correspond in some degree with what analpaire. Thus there is a great difference n the amount of potash required by difterent plants. As stated by the Kensicky Experiment Station, an acre of wheat yielding twenty bushels requires sbout twenty-eight pounds of potash, while an avarage crop of potatoes requires 100 pounds of potash per acre, and in acre of tobacco yielding 3800 pounds of leaves and stalks require over 200 younds. Generally a worn out soil resuires all three of these elements to be combined in a fertilizer in order that it may be useful; hence it is far safer to our such than to presume upon any one of them being sufficient. Owing to the wide differences in soils no rule can be given by which to tell what fertilizer is the best for any particular crop, and this question must be decided by actual

In regard to the manner of applying 'ertilizers, it is generally best to sow preadcast or drill and work well into the soil before planting. When a small quantity is applied to each hill or row at planting time it acts mainly as a stimuant to produce an early and vigorous growth, which is considered necessary or the tobacco crop, but oftener renders t more sensitive to drought. Care thould be taken to mix the fertilizer with the soil so that it will not come in imnediate contact with the seed or tender plants .- New York World.

EARTHING UP CELERY.

Several kinds of vegetables are not eatable without undergoing the process of bleaching, which takes away an astringcar este that plants exposed to the full sun and air have. Some plants, like the cabbage and lettuce, in the formation of the heads perform this part without any aid from the grower. Even the cauli-Bower, by its leaves bending over the flower part, performs the same duty, which, however, the grower will often aid by bending back and half-breaking the leaf, which is for the same purpose. The sea kale and cardoons are also useless for the table without this process of leaching; but as neither are cultivated any extent in this country, they are of go moment to this inquiry.

This process of bleaching renders the plant more susceptible of injury-more | families now purchase it in the leaf, just ender than when growing in its natural as it is cut from the hog. As the usual state; hence the bleaching is done just before the plant is to be used for the table or market. In the hot summer months, when growth is rapid, bleaching is very quickly performed if the plant is deprived of light, whereas, toward fall, it takes Souble the time. In the depth of winter, with soil little above freezing, the process is slower, yet takes all the winter, sometimes, to thoroughly bleach. At this time of the year, a couple of weeks will be sufficient; in the fall the same resuit will take a month. Once bleached, It is best marketed or used, if possible, as the danger of rust is considerable, by that thoroughly blenched. This is the reason why gardeners do not earth up begond sufficient to keep the stalks from ling, paril two or three weeks be-

As celery is now grown mostly in a few blaces, and shipped all over the country, svery means is used to cheapen the cost

FALL PIGS.

bave two litter of pigs, one in the spring, asking for new models.

reasonably early, so that by pushing along they can be ready for market early in the fall, and those farrowed in the fall can be kept growing during the winter and fat-

tened after clover gets high enough to furnish good feed, says a writer in the Republic. After the weather gets cool in the fall, and after settled weather begins in the spring, and when grass has made a good start to grow are the best times for fattening hogs, and so far as possible the breeding should be timed so that the sows will farrow in the right season. Pigs in the fall should come early enough to give them time to make good start to grow before cold, freezng weather sets in. Your pigs are easily tunted, and a little exposure to severe cold will often stop their growing. In order to be profitable hogs must make a

good growth from birth to maturity. sun is shining, and will give no further At the start one of the most important items with fall pigs is to provide them with a dry, warm, comfortable shelter. To attempt to keep them warm by feeding corn will increase the cost so as to leave little if any margin of profit. With stock of all kinds animal heat can be maintained much more economically by providing shelter than by feeding corn. Some corn will be necessary, unless the shelter provided is considerably above the average. Corn is one of the very

> t should not be depended upon entirely. The pigs will make a better growth at a less cost and keep in better health if a good variety of food is furnished. Wheat bran, ground oats, and barley will add to the value of the ration and are much better for the development of bone and muscle than corn, and this is often quite an item. It is possible to feed too much corn, keeping even the growing pigs so fat they will not make as good a growth as they should. The development of bone and muscle is fully as important as fat. Clover hay should be relished by the growing pigs as well by the breeding stock. Artichokes and small, unmarketable potatoes will add to the variety.

best materials that can be used to good

advantage all winter. At the same time

A sufficient quantity should be supplied to keep them in a good, thrifty con-No reliable rules as to quantity guided by the condition of the hogs. After cool weather sets in corn can be made the principal food, using the other materials to make up a good variety. Let them run out whenever the condition of the weather will admit, but they and here is agate a-blush with all of should have access to shelter all the time. Growing pigs need plenty of opportunity to exercise, and will thrive better if confined in a close pen. Keep their quarters clean, use plenty of bedding, and change it every few days to prevent it becoming foul. Filth breeds disease, and it is very important with hogs, as with other stock, to keep them in good

FARM AND GARDEN NOTES. Which pays most per cent. for the capital invested, a hen or a cow? Add everything to the compost heap

The quality of hardiness should rank next to productiveness in determining the value of apple trees.

The surest way of getting rid of thistles is to keep them cut down as close to the ground as possible. Clover never ought to be allowed to

get too dry before hauling in; there is always much waste. If trees are to be set out in the fall, the order should be given, the place plowed

and properly manured. To build a good corn crib make it vermin proof underneath, water tight on

Water the young celery plants with a rsis has shown the different plants re- solution of a pound of saltpetre in twenty gallons of water. Thin them out if too thick, and use only the strong and stocky

> A liberal feeding of pure wheat with the morning ration tends to benefit egg production. The sweepings about the granary can be used in this way very

Eggs are very nourishing, and contain much brain food. They agree with the most delicate stomach. Being in a concentrated form, a pound of eggs contain more nutriment than a pound and three-

The proper size of a sitting box for a Cochin or other equally large bird, is fourteen or fifteen inches square-others in proportion. The hen must have ample room and will then be much less likely to some things from the point of Christian patriotism which ought to be said, and the break the eggs when stepping in.

The most intelligent and successful farmer is the one who looks far ahead. He so arranges his farm as to be economically worked and then plans his crops several years ahead. Such a man is almost sure to make good crops and at the lowest cost.

An excellent way to make a strange cow feel "wonted" or contented as possible—and there is money in this to the dairyman-is a daily use of the card and brush. Such use promotes her comfort, cality has been decided upon. There and very quickly causes her to feel conand very quickly causes her to feel contented with her new master and home.

Minorcas are certainly wonderful layers; in them Leghorns have a rival that may keep them guessing if they do not watch. They are also fine for table purposes, dressing very well, and usually fat poses, dressing very well, and usually lat and their views. All our American cit-and inviting. They are beautiful fowls ies should be our exultation. What in appearance, and altogether they please | churches! What public libraries! What all who have tried them.

Professor Robertson, a well-known dairy authority, says it pays to give from What schools and colleges and universities two to three pounds of bran to each cow daily, even where pasture is abundant. The best way of giving it is in the shape not feel satisfied with their own charities of a drink. Place it in a bucket of water and stir well. If given a half hour before milking a marked increase of milk will be observed.

price for leaf lard is the same as that for tried out, the farmer selling it gets full rates for what if he tried it out himself would be left as scraps fit only for soap grease or to feed to the fowls.

cellar, where it takes too much room that is needed for other uses, where its top comes so near the surface that it often freezes over, and where a break is attended by the most disastrous consequen- | people from other lands who will see a counces. Make the cistern below the floor. cover it well, and one of its advantages will be in equalizing the temperture. A | they come here that year, with the superior cellar thus protected will never freeze in winter and will be cool in summer.

advantage of having all denominations equal in the sight of government. All the rulers and chief men of Europe belong

Clay Pipe Making.

The clay pipe industry is remarkable from more than one point of view. The manufacture is essentially French and its importance is daily increasing, despite the formidable competition of wooden pipes and cigarettes. One pipe manufactory occupies an area of about one spade and hand. Ten factory occupies an area of about one All Europe needs that. All the world needs that. A man's religion is something between himto twenty codes a dozen is now the com- hundred thousand square feet and give | self and his God, and it must not directly or mon price of celery, where formerly it employment to from five hundred to six indirectly be interfered with. was twenty to ferty cents.—Prairie Farless than twelve years of age. The
less than twelve years of age. The
barism. We shall as a nation have a annual product is 120,000 gross. The greater opportunity to make an evauge-number of styles is infinite and is daily liting impression upon foreign nationalities than would otherwise be afforded

REV. DR. TALMAGE. exposition is be offered and prayers be offered and doxologies sung.

THE BROOKLYN DIVINE'S SUNDAY SEREON.

TEXT: "They traded in thy fairs."-Ezekiel xxvii. 12 Fairs may be for the sale of goods or for the exhibition of goods on a small scale or a large scale, for county or city, for one nation or for all nations. My text brings us to the fairs of ancient Tyre, a city that is now extinct. Part of the city was on an island, and part on the mainland. Alexander, the conquerer, was much embarrassed when he found so much of the city was on an island, for he had no ships. But his military genius was not to be balked. Having marched his army to the beach, he ordered them to tear up the city on the mainland and throw it into the water and build a causeway two hundred feet wide to the island. So they took that part of the city which was on the mainland and with it built a causeway of timber and brick and stone on which hi army marched to the capture of that part of the city which was on the island, as though hostile army should put Brooklyn into the East River, and over it march to the capture That Tyrian causeway New York.

ruins which Alexander's army t, is still there, and by alluvial deposits has permanently united the island to the mainland, so that it is no longer an island but a promontory The sand, the greatest of all undertakers for burying cities, having covered up for the most part Baalbec and Palmyra and Thebes and Memphis and Carthage and Babylon and Luxor and Jericho, the sand, so small an yet so mighty, is now gradually giving rites sepulture to what was left of Tyre. But. what a magnificent city it once was! Mistress of the sea! Queen of international commerce? All nations casting their crowns at her feet! Where we have in our sailing vessels benches of wood, she has benches of Where we have for our masts of hips sails of coarse canvas, she had sails of

The chapter from which my text is taken

after enumerating the richest countries in all the world says of Tyre: "They traded in Look in upon a world's fair at Tyre. Ezekiel leads us through one deport-ment and it is a horse fair. Under Ted and over driven for ages, the horses of to-day give you no idea of the splendid animals which, rearing and plunging and snorting and neighing, were brought down over the plank of the ships and led into the world's air at Tyre until Ezekiel, who was a minister of religion and not supposed know much about horses cried out it admiration: "They of the house of Togar mah traded in thy fairs with horses in another department of that world's in at Tyre, led on by Ezekiel the prophet, find everything all ablaze with preciou stones. Like petrified snow are the corals like fragments of fallen sky are the sapphires; What is that aroma we inhale? It is from chests of cedar which we open, and find them filled with all styles of fabric. But the aromatics increase as we pass down this lane of enchantment, and here are cassia and and

Ezekiel the prophet, we come to an agricultural fair vith a display of wheat from Minnith and Pannag, rich as that of our modern Dakota or Michigan. And here is a mineralogical fair, with specimens of iron and silv and tin and lead and gold. But halt, fo here is purple, Tyrian purple, all tints and shades, deep almost unto the black and bright almost unto the blue; waiting for kings and queens to order it made into robes coronation day; purple not like that which is now made from the Orchilla weed but the extinct purple, the lost purple, which the ancients knew how to make out of the gasteropod mollusks of the Mediterranean. Oh, look at those casks of wine from Helbon! See those snow banks of wool from the back of sheep that once pastured in Gilead. Oh, the bewildering riches and variety of that

world's fair at Tyre!

But the world has copied these Bible mentioned fairs in all succeeding ages. and it has had its Louis the Sixth fair at Dagobert, and Henry the First fair on St. Bartholomew's Bay; and Hungarian fairs at Pesth, and Easter fairs at Leipsic, and the Scotch fairs at Perth (bright was the day when I was at one of them), and afterward came don world's fair, and the New York world's fair, and the Vienna world's fair, and the Parisian world's fair, and it has been decided that, in commemo-ration of the discovery of America in 1432, there shall be held in this counall preceding national expositions. I say, God speed the movement! Surely the event commemorated is worthy of all the architecture and music and pyrotechnics and elo-quent and stupendous ritaining and mone-tary expenditure and congressional appro-priations which the most sanguine Christian patriot has ever dreamed of. Was any voyage that the world ever heard of crowned with such an arrival as that of Columbus and his men? After they had been encouraged for the last few days by flight of land birds and floating branches of red berries, and while Columbus was down in the cabin studying the sea chart, Martin Pinzon, standing on deck and looking to the southwest, cried: "Land! Land! Land!" And "Gloria in Excelsis" was sung in raining tears on all the three ships of expedition. Most appro-priate and patriotic and Christian will

a commemorative world's fair in 1892. Leaving to others the discussion as to the site of such exposition-and I wonder not that some five or six of our cities are struggling to have it, for it will give to any city to which it is as signed an impulse of prosperity for a hundred years—I say, leaving to others the selection of the particular locality to be thus honored, I want to say patriousin which ought to be said, and the earlier the better, that we get thousands of people talking in the right direction, and that will make healthful public opinion. I beg you to consider prayerfully what I feel called upon of God as an American citizen and as a preacher of righteousness to utter.

My first suggestion is that it is not wise, as certainly it is not Christian, to continue this wide and persistent attempt of American cities to belittle and deprecate other cities. It has been going on for years, but now the spirit seems to culminate in this disssion as to where the World's Fair shall be held, a style of discussion which has a tendency to injure the success of the fair as a great moral and patriotic enterprise, after the lobetween cities, but you will bear me out in saying that there can be no good to come

from the uncanny things said about each other by New York and Chicago, by Chicago and St. Louis, by St. Paul and Minneapolis, by Tacoma and Seattle, and all through the States by almost every two proximate cities.
All cities, like individuals, have their virtues asylums of mercy! What demies of music! What mighty men in law and medicine and art and scholarship! What women radiant and gracious, and an improvement on all the generations of women since Eve! What philanthropists who do marble for those who sleep the last sleep. Now stop your slander of American cities. Owing to adulteration of manufactured lard by unscrupulous dealers, some city families now purchase it in the leaf, just trons of architecture and sculpture and paint ing and music and reservoirs of religious influence for all the continent. It will be well for the country districts to cease talking against the cities, and it will be well for the

city of one locality to stop talking against the cities of other localities. New York will not get the World's Fair by depreciating Chicago, and Chicago will not get the World's Fair by bombarding New York. Another suggestion concerning the coming exposition: let not the materialistic and monetary idea overpower the moral and religious. During that exposition, the first time in all their lives, there will be thousands of try without a state religion. Let us, by an increased harmony among all denominations of religion, impress other nationalities, as

to the state religion, whatever it may be. Although our last two Presidents have been Presbyterians, the previous one was an Episcopalian; and the two previous Methodists; and going further back in that line of Presidents, we find Martin Van Buren, a Dutch Reformed; and John Quincy Adams a Unitarian; and a man's religion in this

Many find it profitable to let the sows increasing, as the dealers are continually alities, than would otherwise be afforded us in a quarter of a century. Let the churches of the city where the

exposition is held be open every day, mandments that I ever heard of, and no class of men or women in all the world are excused from obedience to those laws written by finthan three years between this and ger of lightning on the granite surface of Mount Sinai. Surely we have enough American vices without making any drafts that world's convocation, let us get a baptism of the Holy Ghost, so that the months of that world's fair shall be fifty upon European vice for 1892. Pentecosts in one, and instead of three thou-By this sermon I would have the nation sand converted, as in the former Pentecost, made aware of its opportunity and gerready to improve it, and of some perils and get ready to combat them. I rejoice to believe undreds of thousands will be converted. You must remember that the Pentecost mentioned in the Bible occurred when there

was no printing-press, no books, no Chris-

were touched? The account says "Parthians and Meder and Elamites.

ern countries; "Cyrene and strangers of Rome, Cretes and Arabians," that is, the

by the mighty spectacle. Instead of the

Europe and Asia, North and South America,

can the salvation of the round world

nd the churches, but all that wo

be represented at our world's fair in

lization, the religious printing presses

ald before that, but let it be known through-

out Christendom that that year, between

Himalayan height of opportunity overtop

bing all others for salvation. Instead of the

Gospel to other land by our own Ameri-can missionaries, who have difficult

toil in acquiring the foreign language and

what a grand thing to have able and influ-

atial foreigners converted during their visit

Oh, for an overwhelming work of grace for

America and then have them return to

r native lands with the glorious tidings

year 1892, that work beginning in the

Another opportunity, if our public men ea it, and it is the duty of pulpit and print-ag press to help them to see it, will be the

alling at that time and place of a legal

seace congress for all nations. The conven-

ion of representatives from the Govern-

Washington, is only a type of what we may have on a vast and a world wide scale at

its of North and South America, now at

international exposition of 1892, one stroke the gorgon of war might

slain and buried so deep that neither

impet of human dispute or of ...ch-angel's

to all nations: On the American continent,

heir products, their manufactures and their

arts, and we invite all the Governments of

Europe, Asia and Africa to send representa-tives to a peace convention that shall be held

stablish an international arbitration commis-

ion to whom shall be referred all controver-

to be final, and so all nations would be re-

lieved from the expense of standing armies

ideration would come to it, mighty men of

England and Germany and France and Russia and all the other great nationalities,

Bismarck who worships the Lord of Hosts, and Gladstone who worships the God of Peace, and Boulanger who worships himself.

The fact is that the nations are sick of drink-

ag out of chalices made out of human skulls

and filled with blood. The United States Government is the only government in the

whole world that could successfully call such a Congress. Suppose France should call it,

Sermany would not come; or Germany should call it. France would not come; or

Russia should call it, Turkey would not come;

ous of her overshadowing power in Europe

would not come. America, in favor with all nationalities, standing out independent and

alone, is the spot and 1892 will be the time.

May it please the President of the United

States, may it please the Secretary of State,

may it please the Cabinet, may it please the

Senate and House of Representatives, may it

please the printing presses and the churches and the people who lift up and put down our

emn and Christian appeal. Do you not think people die fast enough without this wholesale butchery of war? Do

nonias and consumptions and apoplexies

and palsies and yellow isver; and Asiatic choleras the work of killing them fast

year? Do you not think we can do something better with men than to dash their life out against casements or blow them into

fragments by torpedoes or send them out

into the world, where they need all their

faculties, footless, armless, eyeless? Do you

not think that women might be appointed to

an easier place than the edge of a grave

trench to wring their pale hands and weep out their eyesight in widowhood and child-

There was a time when it demanded that

quality which we all admire-namely, courage-for a man had to stand at the init of

his sword when the point pierced the foe and

while he was slaying another the other might slay him; or it was bayonet charge.

But now it is cool and deliberate murder

hurled miles away into a city, or while thou-sands of private soldiers, who have no inter-

est in the contest, for they were con

scripted, are losing their lives, their General may sit smoking one of the best Havana cigars after a dinner of quail

on toast. It may be well enough for graduating students of colleges on commencement

day to orate about the poetry of war, but do not talk about the poetry of war to the men

of the Federal or Confederate armies who

were at the front, or to some of us who, as

members of the Christian commission, saw the ghastly hospitals at Antietam and Hagers-

War is an accursed monster and it was born in the lowest cavern of perdition, and I pray that it may speedily descend to the place from which it arose, its last sword and

shield and musket rattling on the bottom of the red hot marl of hell. Let there be called

a peace convention for 1892, with delegates sent by all the decent Governments of Christendom, and while they are in session,

if you should some night go out and look

into the sky above the exposition buildings, you may find that the old gallery of

crystal, that was taken down after the Beth-

lehem anthem of eighteen centuries ago was sung out, is rebuilt again in the clouds, and

the same angelic singers are returned with

the same librettos of light to chant "Glory to

God in the highest, and on earth peace, good

Again, I suggest in regard to the World's

Fair that, while appropriate places are pre-pared for all foreign exhibits, we make no

room for the importation of foreign vices. America has enough of its own, and we need

to installments of that kind. A world's fair

will bring all kinds of people, good and bad.

The good we must prepare to welcome, the

will again be made in 1892, as in 1876

to break up our American Sabbaths. That attempt was made at the Phila-

ciphia Centennial, but was defeated. The American Sabbath is the best kept sabbath on earth. We do not want it

broken down, and substituted in the place thereof the Brussels Sabbath, the Vienna Sabbath, the St. Petersburg Sabbath or any

of the foreign Sabbaths, which are no Sab-baths at all. I think the Lord is more than

enerous in asking only fifty-two days out of

the 365 for His service. You let the Eabbath

go and with it will go your Bible, and after that your liberties, and your children or your

eandchildren will be here in America under

despotism as bad as in those lands where ev turn the Lord's day into wassail and

Among those who come there will be, as at

oad we must prepare to shun. The attempt

and clear out at sea a bombshell can be

Why, the last glory has gone out

r England should call it, nations long

and naval equipment, war having been made

les between nation and nation, their decision

in 1892, we will hold a world; and all nations will send to it specim

practically say

earth worth con-

then must contend with foreign prejud

Christian advantage, the Alpine and

May and November, will be the

mn of 1889!

States Government-show

an everlasting impossibility.

All the nations of the

the influence was How many nation

account says:

that the advantages will overtop everything in that world's fair. What an introduction tian pamphlets, no religious newspapers, to each other of communities, of states, of republics, of empires, of zones, of hemisnationalities What doors of information will be pheres! swung wide open for the boys and girls now on the threshold! What national and in-ternational education! What crowning that is, people from the eastern countries; "Phrygia and Pamphylia," that is, the westwith sheaves of grain, and what imperial robing of her with em-broidered fabrics! What scientific apof industry paratus! What telescopes for the infinitude outhern countries; but they were all moved above and microscopes for the infinitude besixteen or eighteen tribes of people reported at that Pentecost, all the chief nations of neath, and instruments to put nature to the torture until she tells her last secret! What display of the munificence of the God who has grown enough wheat to make a loaf of good bread large enough for the human race 1822, and a Pentecost here and then would and enough cotton to stocking every foot, and enough timber to shelter every head, But, you say, we may have at that fair the seople of all lands and all the machinery for making it manifest that it is not God's fault, but either man's oppression or indolence or dissipation if there be any without supply take a Pentecost; we must have God. Well, Under the arches of the chief building of that exposition let capital and labor, too long you can have Him. Has He not been graiously waiting? and nothing stands in the estranged, at last be married, each taking way but our own unbelief and indolence and the hand of each in pledge of eternal fidelity while representations of all nations stand sin. May God break down the barriers! The grandest opportunity for the evangel-ization of all nations since Jesus Christ died on the cross will be the world's exposition of round rejoicing at the nuptials, and saying: "What God hath joined together let not man put asunder." Then shall the threnody of the needle-woman no longer be heard: God may take us out of the harvest

Work, work, work! Till the brain begins to swim; Work, work, work.

Work, work, work.

Till the eyes are heavy and dim.
Seam and gusset and band.
Band and gusset and seam.

Till over the buttons I fell asleep.

And sew them on in a dream.

O, Christian America! Make ready for the udest exposition ever seen under the sun! Have Bibles enough bound. Have churches enough established. Have scientific halls enough endowed. Have printing presses enough set up. Have revivals of religion enough in full blast. I believe you will. "Hosanna to the Son of David! Blessed is he Hosanna to the Son of David! that cometh in the name of the Lord!"

Through the harsh voices of our day Through the harsh voices of our day A low, sweet prelude finds its way; Through clouds of doubt and creeds of fear A light is breaking calm and clear. That song of love, now low and far, Ere long shall swell from star to star; That light, the breaking day which tips The golden spired Apocalypse!

SCIENTIFIC AND INDUSTRIAL.

A plan to connect the Siberian rivers by canals is projected by the Russian Sovernment. A scientist reckons up at least 172

owing could resurrect it. When the last races of men, all, however, reducible to oleon called such a congress of nations many did not respond and those that did re-bend gathered wondering what trop that hiv destroyer of the French Republic and the three fundamental black, yellow and white stems. the bunder of a French monarchy might spring on them. But what if the most popu-A reliable storage battery is fast becomar government on earth—I mean the United

ng a necessity for use on board ship, to lrive motors to be used instead of the smaller steam engines. An ingenious apparatus has been devised for the purpose of vaporizing solid

ments, and it has already rendered in connection with throat great serv Great strength and durabil claimed to characterize the furniture mad in Austria, of the bent wood, the prepa-

ration of which, for this purpose, is al-

most a fine art. A new company has been started in Paris having for its objects the working in France and abroad of a system of telephonic additions by means of an autonatic apparatus.

A Paris stationer has just announced a liscovery, which will probably make his fortune. It is that of an ink warranted to fade off the paper in a week, without leaving the slightest trace. From Australia comes a report that

mineral which has been discovered in New South Wates contains all the erties of the very finest sienna and that it is in every way suitable for painting, staining, dyeing and ink. Professor Elihu Thompson has devised

an electric welding car, which makes continuous rails of the track over which it passes. In thus welding the rails, it is proposed to have a break at every 100 American rulers!

To them I make this timely and sol- feet, to allow for expansion. Different classes of substances have been found to affect the organs of taste

you not think that we can trust to pneu- in the following order: Bitters, acids, saline substances, sweets and alkalies. The taste nerves are nearly 2000 times enough? Do you not think that the greedy, wide open jaws of the grave ought to be satisfied if filled by natural causes with hundreds of thousands of corpses a very Do you not think means of corpses a company that the same of the same It is announced that M. Courton, a chemist, produced recently at the sitting of the French Academy of Sciences a

sealed envelope containing a description of an apparatus by means of which objects may be seen at vast distances, the vibrations of light being transmitted through a wire. Of the 4200 kinds of flowers growing

in Europe, only 420 are odoriferous. Less than one-fifth of the white kindswhich number 1194-are fragrant, 77 of the 951 vellow kinds, S4 of the 823 red kinds, 31 of the 594 blue kinds, 13 of the 308 violet blue kinds, and 28 of the 240 kinds with combined colors.

WISE WORDS.

Fiatter a fool and you have already won his friendship.

Busy people arc less liable to notice the wickedness of their neighbors. When poverty comes in at the cottage

door, true love goes at it with an ax. The most refined persons never betray anxiety for fear it will not be noticed. A person's success in life depends upon town. Ah! you may worship the Lord of Hosts, I worship the "God of Peace, who whether he will learn something himself brought again from the dead our Lord Jesus Christ, that great Shepherd of the sheep." or depend wholly upon what is taught to

If you want to have a man for your friend, never get the ill-will of his wife. Public opinion is made up of the average prejudices of womankind. When you compare the number of

thoughts that comes into a man's head with the number that goes out of his mouth, man is discretion itself. The condition of the world would

be improved if men were to think less of dishonor of submitting to wrong and more of the dishonor of doing it. There is time enough for anything in the course of the day, if you do but one thing at once; but there is not time enough in the year, if you will do two things at a time.

People are all striving to get up in the world, but if gravitation was suddenly removed from the earth, people would then be praying for some adhesive arrangement to stick them on again. Things which never make a man

happy develop a power to make him strong. Strength and not happiness, or rather only that happiness which comes by strength, is the end of human living. Some people are dependent upon their training because they are ignorant of

themselves, and the more familiar they become with trained manners, the less liable they will be to become acquainted ISH BRAND with their natural ability. Discreet Deafness.

other expositions, lordly people who will bring their vices with them. Among the Dukes and Duchesses and Frinces and It has been remarked that if all the pretty things said of one by heedless or ill-na-Princesses of other lands are some of the est men and women of all the carth. Re-nember Earl of Kintore, Lord Cairns and tured idlers were to be brought home to him, he would become a mere walking pin cushion stuck full of sharp remarks. Lord Shaftsbury. But there is a snobbery and flunkeyism in American society that The art of not hearing should be learned runs after a grandee, a Duke, a Lord or a by all. It is quite as important to do-Prince, though he may be a walking lazaretto and his breath a plague. It makes the forcune of some of our queens of society to dance one cotillion with one of these princely lepers. Some people cannot get their hat off quick enough when they see such a foreign Lord approaching, and they do not care for the mire into which they drop heir knees as they bow to worship. Let no plender of pedigree or any pemp and paratentment and happiness.—American Farhernalia of circumstance make him attractive. There is only one set of Ten Com- mer.

a correspondent of the Denver Republican remedies, when Dr. Pierce's Golden Med cal in a letter from India, there are many Discovery is so positively cartain in its curain a letter from India, there are many curious tribes. Some of the tribes near in supplying it to the public, as they are do-Darjeeling reckon a journey by the number of quids of tobacco they chew upon the way, and some of the most gorgeous pecimens of Hindoo jewelry I have seen cures torpid liver, or bilious I saw on the women of the Himalayas. I or dyspensia, all humors, or blood taints, emember one mountain pink who had fifty rupees strung around her neck and whose limbs were loaded down with silver dollars upon her ears, and her mouth was covered by a flat, gold nose ring. Some of these Himalaya tribes have one wife to four men, and polyandry is common. In Bombay are the prettiest women of India. They are the parsees. With delicate, olive-brown skins, they are tall and well-shaped, have beautiful

eves and fine intellectual.faces. They dress in silks of the most delicate olors, and the dress seems to consist of one large piece of silk which is wound around the waist and then carried up over the body and the top of the head, so that the face looks out and the whole hangs in a beautiful drapery. Many of them, I note, have silk stockings, and slippers to match the color of their dresses. and they are the brightest and prettiest women I have ever seen.

Japanese horticulturists give a great deal of labor to the production of dwarf trees. Pines, thujas and cedars exhibited at Paris are only eighteen inches high, and are said to be 100 to 150 years old.

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